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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Yumin Liu

Serial No.: To be assigned

Group Art Unit: 1764

Filed: herewith

Examiner: Nguyen, T.

For: PROCESSES FOR OXIDATIVE

Attorney Docket No.: 10460-013-999

DEHYDROGENATION

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

- 1. Enclosures accompanying this Information Disclosure Statement are:
 - 1a.

 ✓ Form PTO-1449.
 - 1b. □ Copies of publications.
 - 1c.

 An English language copy of search report(s) from a counterpart foreign application or PCT International Search Report.
 - 1d.

 Explanations of relevancy (ATTACHMENT 1(d), hereto) or English language abstracts of the non-English language publications.
- 2.

 This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b) before the latter of three months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or certification is required.
- 3.

 This Information Disclosure Statement is filed under 37 C.F.R. §1.97(c) after the first Office Action on the merits, but before a Final Office Action or a Notice of Allowance.

(Check either Item 3a or 3b)

3a.

The Certification Statement in Item 5 below is applicable. Accordingly, no fee is required.

3 b).	0	§1.5	\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\
			0	to be charged to Pennie & Edmonds LLP Deposit Account No. 16-1150.
		(Item 3	b to	be checked if any reference known for more than 3 months)
0	,	This In Action	form or N	ation Disclosure Statement is filed under 37 C.F.R. §1.97(d) after Final Office otice of Allowance, but before payment of Issue Fee.
		conside C.F.R. □	eratio §1.1 enc	o the Commissioner is hereby made under 37 C.F.R. §1.97(d) to request on of this Information Disclosure Statement. The \$180.00 fee set forth in 37 7(i)(1) is: losed. De charged to Pennie & Edmonds LLP Deposit Account No. 16-1150.
			tot	se charged to Pennie & Editional LLP Deposit Account No. 10-1130.
		The Co	rtific	cation Statement in Item 5 below is applicable.
. 🛮		Certific	catio	n Statement (applicable if Item 3a or Item 4 is checked)
				(Check either Item 5a or 5b)
5a	ι.		fro	accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information tained in this Information Disclosure Statement was cited in a communication in a foreign patent office in a counterpart foreign application not more than three in the prior to the filing of this Information Disclosure Statement.
<i>5</i> t) .		from of the des	accordance with 37 C.F.R. §1.97(e)(2), it is certified that no item of information tained in this Information Disclosure Statement was cited in a communication in a foreign patent office in a counterpart foreign application or, to the knowledge the undersigned after making reasonable inquiry, was known by any individual ignated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this formation Disclosure Statement.
. 🛚		A cont		ion application under 37 C.F.R. §1.60 or §1.53(b) or (d) is concurrently filed
				(Check appropriate Items 6a, 6b and/or 6c)
62	ι.	0		Petition to Withdraw from issue under 37 C.F.R. §1.313(b)(5) is concurrently filed ewith.
61).	Ø	No	pies of the publications listed on Form PTO-1449 from prior application Serial 09/255,371, filed on February 22, 1999, of which this application claims prity under 35 U.S.C. §120, have been omitted pursuant to 37 C.F.R. §1.98(d).
60	: .	0	in p	pies of the publications listed on Form PTO-1449 which were not previously cited prior application Serial No., filed on, of which this application claims priority ler 35 U.S.C. §120, are provided herewith.
7. 🗆		This is	a Sı	applemental Information Disclosure Statement. (Check either Item 7a or 7b)
				·
				CAI - 27017

- 7a. This Supplemental Information Disclosure Statement under 37 C.F.R. §1.97(f) supplements the Information Disclosure Statement filed on ___. A bona fide attempt was made to comply with 37 C.F.R. §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on ___.
- 7b.

 This Supplemental Information Disclosure Statement is timely filed within one (1) month of a PTO Notice under 37 C.F.R. §1.97(i).
- 8.
 In accordance with 37 C.F.R. §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:

(Check Item 8a, 8b, or 8c)

- 8a.

 satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office.
- 8b.

 set forth in the application.
- 8c. □ enclosed as an attachment hereto.
- 9.

 The Commissioner is authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement and/or Petition to Pennie & Edmonds LLP Deposit Account No. 16-1150.
- 10.

 No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than a search report of a foreign counterpart application or PCT International Search Report if submitted herewith). 37 C.F.R. §§1.97(g) and (h).

Respectfully submitted,

Date March 22, 2001

Sunil K. Singh

45,298 (Reg. No.)

For Samuel B. Abrams (Reg. No. 30,605) PENNIE & EDMONDS LLP

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99-3 SERIAL NO. 09/255,371
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U.S. PATENT DOCUMENTS

Exmr	Document	Date	Name	Class	Sub Class	Filing Date
Initial	Number	<u> </u>	Company et al	260	680 E	
	3,678,124	7/18/72	Stepanov et al.	562	534	
	4,115,441	9/19/78	Shaw et al.	252	432	
	4,283,307	8/11/81	Barone et al.		322	
	4,709,071	11/24/87	Sasaki et al.	558		
	5,094,990	3/10/92	Sasaki et al.	502	214	
		7/21/92	Sasaki et al.	502	205	
	5,132,269	1/21/92	Sasaki Ci iii.			
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FOREIGN PATENT DOCUMENTS

		TEIGN PATENT BOCCHIERTE	Class	Sub	Trans	
Document	Date	Country	()	Class	YES	NO
Number		C07C	5/48		X	
EP 661 254	7/5/95	EP		_		
A2/A3	<u> </u>		C01G	51/00		Х
WO 99/42404	8/26/99	PCT		<u></u>	<u> </u>	
	 		ļ			
	Number EP 661 254 A2/A3	Document Number Date EP 661 254 7/5/95 A2/A3	Document Number Date Country	Document Number Date Country Class	Document Number Date Country Class Sub Class	Document Number

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPA PATENT A NT OF COMMERCE

MERCE ATTY. DOCKET N

SERIAL NO. To Be Assigned

Information Disclosure Statement by Applicant

(Use several sheets if necessary)

APPLICANT Yumin Liu

FILING DATE Even Date Herewith

GROUP To Be Assigned

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Initial	Number	<u> </u>		106	288	
	3,832,205	08/27/74	Lowery			
	4,176,140	11/27/79	Bertus et al.	585	629	
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	4,250,346	02/10/81	Young et al.	363		
		10/27/81	Lawless	62	6	
	4,296,607	10/2//61	Lawiess	696	443	
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Exmr Initial	Number			<u> </u>	<u></u>		
	0 544 372 A1	11/21/92	EP				
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	Date Considered
Examiner	

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.